

SDSFIE/FMSFIE RELEASE NOTES (RELEASE 2.200 CHANGES)

Support for ESRI Geodatabase

Addition of new fields for ESRI Geodatabase support

The focus of improvements for the Release 2.200 version of the SDSFIE/FMSFIE centered on 1] modifying structure to accommodate both ESRI's emerging Geodatabase Software as well as Oracle's "Oracle Spatial" software AND 2] Correcting several software behavior issues causing user confusion.

Specifically, the structure of the SDSFIE/FMSFIE Libraries have changed to include " Object Class Name" for Tables and "Relationship Name" for Joins as well as "Feature Dataset Name", "Feature Class Name", and "Default Subtype" fields. This information is required for proper construction of the Release 2.200 version of the ESRI Geodatabase Builders. For this version of the SDSFIE/FMSFIE Browser, changes include:

- 1 - Modification to change all "Help" structures to compiled HTML. All earlier references to HLP files have been removed as Windows Operating Systems begin to use compiled HTML as the standard for Help File construction.
- 2 - Incorporate the new Fields for an ESRI Geodatabase onto the Table Screen and Relationship Screen.
- 3 - Change the behavior of the "check" boxes on the Attribute Screen to preclude user modification.
- 4 - Improve the performance of the initialization wizard to automatically connect to the default Release number following initial startup.

Dredging

Ms. Laurel Gorman chaired a dredging committee composed of US Army Corps of Engineers dredging subject matter experts. Her effort was in conjunction with CADD/GIS Technology Center Project 01.037: Related Standards and Application Interfaces to Support Enterprise Wide Dredging Software. At the recommendation of the committee the following entity types previously located in other areas of the SDSFIE were placed in a newly created improvement_dredging entity class in the improvement entity class:

dredging_area G/GT Polygon An area where bottom material is removed from river sediments for the purposes of sale or other external use.

dredging_event_area G/GT Polygon The activities associated with the removal, transport and placement of material of a specific navigation project associated with a specific period of time.

State Plane Coordinate System

Changes have been made to State Plane Coordinate System Numbers found in the type list - spcs zone domain (d_spcs) to match the U.S. Geological Survey's State Plane Reference numbers.

Fauna

Considerable user feedback led to a total reorganization of the Fauna entity set. The previous Fauna entity set was organized around a classification hierarchy. This has been revised to make the Fauna entity set easier to implement within a GIS. The following changes have been made:

Entity Classes:

ENTITY CLASS NAME	ENTITY SET NAME	EDIT STATUS
fauna_amphibia	fauna	delete
fauna_aves	fauna	delete
fauna_crustacea	fauna	delete
fauna_distribution	fauna	new
fauna_general_fm	fauna	
fauna_habitat	fauna	delete
fauna_insecta	fauna	delete
fauna_mammalia	fauna	delete
fauna_management	fauna	
fauna_mollusca	fauna	delete
fauna_pisces	fauna	delete
fauna_reptilia	fauna	delete

Note 1: A blank edit status indicates no change.

Note 2: A discriminator was created for each entity type in the Fauna entity set containing the values amphibian, aves, crustacean, insecta, mammalian, pisces, and reptilian.

Entity Types:

ENTITY TYPE	new ENTITY TYPE	ENTITY CLASS	new ENTITY CLASS	TABLE NAME	new TABLE
water_fauna_farm_area	Aquaculture_farm_area	fauna_management	land_status_land_condition	famgtffm	lscndffm
water_fauna_repopulation_segment_line	Aquaculture_farm_line	fauna_management	land_status_land_condition	famgtseg	lscndseg
fauna_hazard_area		fauna_management		famgthaz	
fauna_incident_site		fauna_management		famgtins	
fauna_general_habitat_buffer_zone_area	fauna_management_buffer_zone_area	fauna_management		famgtbuf	
fauna_study_area		fauna_management		famgtsty	
fauna_viewing_point		fauna_management		famgtvws	
fish_ladder_line		fauna_pisces	Fauna Management	fapisfsh	famgtfsh
government_wildlife_management_area		fauna_management		famgtgov	
amphibia_habitat_buffer_zone_area	Habitat_protective_zone_area	fauna_amphibia	Fauna Distribution	famgtbuf	fadisbuf
aves_habitat_buffer_zone_area	Habitat_protective_zone_area	fauna_aves	Fauna Distribution	famgtbuf	fadisbuf
crustacea_habitat_buffer_zone_area	Habitat_protective_zone_area	fauna_crustacea	Fauna Distribution	famgtbuf	fadisbuf
insecta_habitat_buffer_zone_area	Habitat_protective_zone_area	fauna_insecta	Fauna Distribution	famgtbuf	fadisbuf
mammalia_habitat_buffer_zone_area	Habitat_protective_zone_area	fauna_mammalia	Fauna Distribution	famgtbuf	fadisbuf
mollusca_habitat_buffer_zone_area	Habitat_protective_zone_area	fauna_mollusca	Fauna Distribution	famgtbuf	fadisbuf
pisces_habitat_buffer_zone_area	Habitat_protective_zone_area	fauna_pisces	Fauna Distribution	famgtbuf	fadisbuf
reptilia_habitat_buffer_zone_area	Habitat_protective_zone_area	fauna_reptilia	Fauna Distribution	famgtbuf	fadisbuf
amphibia_habitat_sample_point	habitat_sample_point	fauna_amphibia	Fauna Distribution	famgtsmp	fadissmp
aves_habitat_sample_point	habitat_sample_point	fauna_aves	Fauna Distribution	famgtsmp	fadiessmp
crustacea_habitat_sample_point	habitat_sample_point	fauna_crustacea	Fauna Distribution	famgtsmp	fadiessmp
insecta_habitat_sample_point	habitat_sample_point	fauna_insecta	Fauna Distribution	famgtsmp	fadiessmp
mammalia_habitat_sample_point	habitat_sample_point	fauna_mammalia	Fauna Distribution	famgtsmp	fadiessmp
fauna_general_habitat_sample_point	habitat_sample_point	fauna_management	Fauna Distribution	famgtsmp	fadiessmp
mollusca_habitat_sample_point	habitat_sample_point	fauna_mollusca	Fauna Distribution	famgtsmp	fadiessmp
pisces_habitat_sample_point	habitat_sample_point	fauna_pisces	Fauna Distribution	famgtsmp	fadiessmp
reptilia_habitat_sample_point	habitat_sample_point	fauna_reptilia	Fauna Distribution	famgtsmp	fadiessmp
amphibia_habitat_site	habitat_site	fauna_amphibia	Fauna Management	fahabars	famgtars
aves_habitat_site	habitat_site	fauna_aves	Fauna Management	fahabars	famgtars
crustacea_habitat_site	habitat_site	fauna_crustacea	Fauna Management	fahabars	famgtars
fauna_general_habitat_site	habitat_site	fauna_habitat	Fauna Management	fahabars	famgtars
insecta_habitat_site	habitat_site	fauna_insecta	Fauna Management	fahabars	famgtars

ENTITY TYPE	new ENTITY TYPE	ENTITY CLASS	new ENTITY CLASS	TABLE NAME	new TABLE
mammalia_habitat_site	habitat_site	fauna_mammalia	Fauna Management	fahabars	famgtars
mollusca_habitat_site	habitat_site	fauna_mollusca	Fauna Management	fahabars	famgtars
pisces_habitat_site	habitat_site	fauna_pisces	Fauna Management	fahabars	famgtars
reptilia_habitat_site	habitat_site	fauna_reptilia	Fauna Management	fahabars	famgtars
historic_bald_eagle_nesting_site	hist_bald_eagle_nesting_site	fauna_aves	Fauna Distribution	faavehst	fadishst
amphibia_migration_corridor_line	migratory_corridor_line	fauna_amphibia	Fauna Distribution	fahabmig	fadismig
aves_migration_corridor_line	migratory_corridor_line	fauna_aves	Fauna Distribution	fahabmig	fadismig
crustacea_migration_corridor_line	migratory_corridor_line	fauna_crustacea	Fauna Distribution	fahabmig	fadismig
fauna_general_migration_corridor_line	migratory_corridor_line	fauna_habitat	Fauna Distribution	fahabmig	fadismig
insecta_migration_corridor_line	migratory_corridor_line	fauna_insecta	Fauna Distribution	fahabmig	fadismig
mammalia_migration_corridor_line	migratory_corridor_line	fauna_mammalia	Fauna Distribution	fahabmig	fadismig
mollusca_migration_corridor_line	migratory_corridor_line	fauna_mollusca	Fauna Distribution	fahabmig	fadismig
pisces_migration_corridor_line	migratory_corridor_line	fauna_pisces	Fauna Distribution	fahabmig	fadismig
reptilia_migration_corridor_line	migratory_corridor_line	fauna_reptilia	Fauna Distribution	fahabmig	fadismig
fauna_general_nesting_site	nesting_site	fauna_habitat	Fauna Distribution	fahabnes	fadisnes
fauna_general_population_area	population_area	fauna_habitat	Fauna Distribution	fahabpop	fadispop
fauna_general_forage_area	population_forage_area	fauna_habitat	Fauna Distribution	fahabfor	fadisfor
salt_lick_point		fauna_management		famgtstl	
spawning_area		fauna_habitat	Fauna Distribution	fahabspn	fadisspn
pisces_spawning_area	spawning_area	fauna_pisces	Fauna Distribution	fahabspn	fadisspn
fauna_special_habitat_site	special_species_site	fauna_habitat	Fauna Management	fahabspc	famgtspc
amphibia_forage_area	species_forage_area	fauna_amphibia	Fauna Distribution	fahabfor	fadisfor
aves_forage_area	species_forage_area	fauna_aves	Fauna Distribution	fahabfor	fadisfor
crustacea_forage_area	species_forage_area	fauna_crustacea	Fauna Distribution	fahabfor	fadisfor
insecta_forage_area	species_forage_area	fauna_insecta	Fauna Distribution	fahabfor	fadisfor
mammalia_forage_area	species_forage_area	fauna_mammalia	Fauna Distribution	fahabfor	fadisfor
mollusca_forage_area	species_forage_area	fauna_mollusca	Fauna Distribution	fahabfor	fadisfor
pisces_forage_area	species_forage_area	fauna_pisces	Fauna Distribution	fahabfor	fadisfor
reptilia_forage_area	species_forage_area	fauna_reptilia	Fauna Distribution	fahabfor	fadisfor
amphibia_geographic_range_area	species_geographic_range_area	fauna_amphibia	Fauna Distribution	fahabrng	fadisrng
aves_geographic_range_area	species_geographic_range_area	fauna_aves	Fauna Distribution	fahabrng	fadisrng
crustacea_geographic_range_area	species_geographic_range_area	fauna_crustacea	Fauna Distribution	fahabrng	fadisrng

ENTITY TYPE	new ENTITY TYPE	ENTITY CLASS	new ENTITY CLASS	TABLE NAME	new TABLE
insecta_geographic_range_area	species_geographic_range_area	fauna_insecta	Fauna Distribution	fahabrng	fadisrng
mammalia_geographic_range_area	species_geographic_range_area	fauna_mammalia	Fauna Distribution	fahabrng	fadisrng
mollusca_geographic_range_area	species_geographic_range_area	fauna_mollusca	Fauna Distribution	fahabrng	fadisrng
pisces_geographic_range_area	species_geographic_range_area	fauna_pisces	Fauna Distribution	fahabrng	fadisrng
reptilia_geographic_range_area	species_geographic_range_area	fauna_reptilia	Fauna Distribution	fahabrng	fadisrng
amphibia_home_range_area	species_home_range_area	fauna_amphibia	Fauna Distribution	fahabrng	fadisrng
aves_home_range_area	species_home_range_area	fauna_aves	Fauna Distribution	fahabrng	fadisrng
crustacea_home_range_area	species_home_range_area	fauna_crustacea	Fauna Distribution	fahabrng	fadisrng
insecta_home_range_area	species_home_range_area	fauna_insecta	Fauna Distribution	fahabrng	fadisrng
mammalia_home_range_area	species_home_range_area	fauna_mammalia	Fauna Distribution	fahabrng	fadisrng
mollusca_home_range_area	species_home_range_area	fauna_mollusca	Fauna Distribution	fahabrng	fadisrng
pisces_home_range_area	species_home_range_area	fauna_pisces	Fauna Distribution	fahabrng	fadisrng
reptilia_home_range_area	species_home_range_area	fauna_reptilia	Fauna Distribution	fahabrng	fadisrng
amphibia_population_area	species_population_area	fauna_amphibia	Fauna Distribution	fahabpop	fadispop
aves_population_area	species_population_area	fauna_aves	Fauna Distribution	fahabpop	fadispop
crustacea_population_area	species_population_area	fauna_crustacea	Fauna Distribution	fahabpop	fadispop
insecta_population_area	species_population_area	fauna_insecta	Fauna Distribution	fahabpop	fadispop
mammalia_population_area	species_population_area	fauna_mammalia	Fauna Distribution	fahabpop	fadispop
mollusca_population_area	species_population_area	fauna_mollusca	Fauna Distribution	fahabpop	fadispop
pisces_population_area	species_population_area	fauna_pisces	Fauna Distribution	fahabpop	fadispop
reptilia_population_area	species_population_area	fauna_reptilia	Fauna Distribution	fahabpop	fadispop
pisces_repopulation_segment_line	species_repopulation_segment_line	fauna_pisces	Fauna Management	famgtseg	
amphibia_repopulation_site	species_repopulation_site	fauna_amphibia	Fauna Management	famgtseg	
aves_repopulation_site	species_repopulation_site	fauna_aves	Fauna Management	famgtseg	
crustacea_repopulation_site	species_repopulation_site	fauna_crustacea	Fauna Management	famgtseg	
Insecta_repopulation_site	species_repopulation_site	fauna_insecta	Fauna Management	famgtseg	
mammalia_repopulation_site	species_repopulation_site	fauna_mammalia	Fauna Management	famgtseg	
mollusca_repopulation_site	species_repopulation_site	fauna_mollusca	Fauna Management	famgtseg	
pisces_repopulation_site	species_repopulation_site	fauna_pisces	Fauna Management	famgtseg	
reptilia_repopulation_site	species_repopulation_site	fauna_reptilia	Fauna Management	famgtseg	
Trapping_area		fauna_management		famgttrp	

Note 3: A blank indicates no change.

Tables:

Old TABLE NAME	new TABLE
Faavehst	fadishst
Fahabars	famgtars
Fahabfor	fadisfor
Fahabmig	fadismig
Fahabnes	fadisnes
Fahabpop	fadispop
Fahabrng	fadisrng
Fahabspn	fadisspn
Famgtbuf	
	fadisbuf
Famgtffm	lscndffm
Famgtgov	
Famgthaz	
Famgtins	
Famgtseg	
Famgtsmp	fadissmp
Famgtstl	
Famgtsty	
Fahabspc	famgtspc
Famgttrp	
Famgtvws	
Fapisfsh	famgtfsh

Note 4: A blank indicates no change.

New Attributes

SDS	
Table Name	SDS Attribute Name
fadisbuf	Faclass_d
fadissmp	Faclass_d
famgtars	Faclass_d
fadismig	Faclass_d
fadisfor	Faclass_d
fadisrng	Faclass_d
fadispop	Faclass_d
famgtseg	Faclass_d
famgtspc	redlist_d

Domains:

Domain Table Name	Domain Name	Domain Value	Domain Value Definition	Recommended Narrative*	Source
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d_faclass (attribute=faclass_d)	fauna_classification	amphibians
d_faclass (attribute=faclass_d)		aves
d_faclass (attribute=faclass_d)		crustacea
d_faclass (attribute=faclass_d)		insecta
d_faclass (attribute=faclass_d)		mollusca
d_faclass (attribute=faclass_d)		pisces
d_faclass (attribute=faclass_d)		reptilia

d_rnkcls

Delete

d_sphtyp	Species Act Status Endangered staus list - Code	EmE	EMERGENCY_LISTING_ENDANG ERED	Emergency Listing, Endangered	Endangered Species Act
d_sphtyp	Species Act Status Endangered staus list - Code	EmT	EMERGENCY_LISTING_THREATE NED	Emergency Listing, Threatened	Endangered Species Act
d_sphtyp	Species Act Status Endangered staus list - Code	EXPE	EXP_POPULATION_ESSENTIAL	Experimental Population, Essential	Endangered Species Act
d_sphtyp	Species Act Status Endangered staus list - Code	EXPN	EXP_POPULATION_NON_ESSEN TIAL	Experimental Population, Non-Essential	Endangered Species Act
d_sphtyp	Species Act Status Endangered staus list - Code	SAE	SIMILARITY_APPEARANCE_ ENDANG_TAXON	Similarity of Appearance to an Endangered Taxon	Endangered Species Act
d_sphtyp	Species Act Status Endangered staus list - Code	SAT	SIMILARITY_APPEARANCE_ _THREAT_TAXON	Similarity of Appearance to a Threatened Taxon	Endangered Species Act
d_sphtyp	Species Act Status Endangered staus list - Code	PE	PROPOSED_ENDANGERED	Proposed endangered	Endangered Species Act
d_sphtyp	Species Act Status Endangered staus list - Code	PT	PROPOSED_THREATENED	Proposed Threatened	Endangered Species Act
d_sphtyp	Species Act Status Endangered staus list - Code	PEXPE	PROPOSED_EXP_POP_ESSENTI AL	Proposed Experimental Population, Essential	Endangered Species Act

Domain Table Name	Domain Name	Domain Value	Domain Value Definition	Recommended Narrative*	Source
d_sphtyp	status list - Endangered Species Act Status Code	PEXPN	PROPOSED_EXP_POP_NON-ESSENTIAL	Proposed Experimental Population, Non-essential	Endangered Species Act
d_sphtyp	status list - Endangered Species Act Status Code	PSAE	PROPOSED_SIMILARITY_APPEARANCE_ENDANG_TAXON	Proposed Similarity of Appearance to an Endangered Taxon	Endangered Species Act
d_sphtyp	status list - Endangered Species Act Status Code	PSAT	PROPOSED_SIMILARITY_APPEALANCE_THREAT_TAXON	Proposed Similarity of Appearance to an Threatened Taxon	Endangered Species Act
d_sphtyp	status list - Endangered Species Act Status Code	C	CANDIDATE_TAXON_READY_PROPOSAL	Candidate Taxon, Ready for Proposal	Endangered Species Act
d_sphtyp	status list - Endangered Species Act Status Code	D3A	DELISTED_TAXON_EVIDENTLY_EXTINCT	Delisted Taxon, Evidently Extinct	Endangered Species Act
d_sphtyp	status list - Endangered Species Act Status Code	D3B	DELISTED_TAXON_INVALID_NAME_CURRENT_SCIENTIFIC_OPINION	Delisted Taxon, Invalid Name in Current Scientific Opinion	
d_sphtyp	status list - Endangered Species Act Status Code	D3C	DELISTED_TAXON_RECOVERED	delisted Taxon, Recovered	
d_sphtyp	status list - Endangered Species Act Status Code	DA	DELISTED_TAXON_AMENDMENT_OF_ACT	Delisted Taxon, Amendment of the Act	

Domain Table Name	Domain Name	Domain Value	Domain Value Definition	Recommended Narrative*	Source
d_sphtyp	status list - Endangered Species Act Status Code	DM	DELISTED_TAXON_RECOVERD_MONITORING_0_to_5_YEARS	Delisted Taxon, Recovered, Being Monitored First Five Years	
d_sphtyp	status list - Endangered Species Act Status Code	DO	DELISTED_TAXON_ORIGINAL_COMMERCIAL_DATA_ERRONEOUS	Delisted Taxon, Original Commercial Data erroneous	
d_sphtyp	status list - Endangered Species Act Status Code	DP	DELISTED_TAXON_DISCOVERED_PREVIOUSLY_UNKNOWN_ADDITIONAL_POPULATIONS	Delisted Taxon, Discovered Previously Unknown Additional Populations and/or Habitats	
d_sphtyp	status list - Endangered Species Act Status Code	DR	DELISTED_TAXON_TAXANOMIC_REVISION	Delisted Taxon, original Commercial Data Erroneous	
d_sphtyp	status list - Endangered Species Act Status Code	AD	PROPOSED_DELISTING	Proposed Delisting	
d_sphtyp	status list - Endangered Species Act Status Code	AE	PROPOSED_RECLASSIFICATION_TO_ENDANG	Proposed Reclassification to Endangered	
d_sphtyp	status list - Endangered Species Act Status Code	AT	PROPOSED_RECLASSIFICATION_TO_THREAT	Proposed Reclassification to Threatened	
d_sphtyp			UNKNOWN		

Domain Table Name	Domain Name	Domain Value	Domain Value Definition	Recommended Narrative*	Source
d_redlst	status list -IUCN Red List of Threatened Species EX	EXTINCT		A taxon is extinct when there is no reasonable doubt that the last individual has died.	The World Conservation Union
d_redlst	status list -IUCN Red List of Threatened Species EXW	EXTINCT_IN_THE_WILD		A taxon is Extinct in the wild when it is known only to survive in cultivation, in captivity or as a naturalised population (or populations) well outside the past range.	The World Conservation Union
d_redlst	status list -IUCN Red List of Threatened Species CR	CRITICALLY_ENDANGERED		A taxon is Critically Endangered when it is facing an extremely high risk of extinction in the wild in the immediate future.	The World Conservation Union
d_redlst	status list -IUCN Red List of Threatened Species EN	ENDANGERED		A taxon is Endangered when it is not Critically Endangered but is facing a high risk of extinction in the wild in the medium-term future.	The World Conservation Union
d_redlst	status list -IUCN Red List of Threatened Species VU	VULNERABLE		A taxon is Vulnerable when it has been evaluated, does not satisfy the criteria for any of the categories Critically Endangered, Endangered or Vulnerable.	The World Conservation Union
d_redlst	status list -IUCN Red List of Threatened Species LR	LOWER_RISK		A taxon is Lower Risk when it has been evaluated, does not satisfy the criteria for any of the categories Critically Endangered or Vulnerable.	The World Conservation Union

Domain Table Name	Domain Name	Domain Value	Domain Value Definition	Recommended Narrative*	Source
d_redlst	status list -IUCN Red List of Threatened Species DD	DATA_DEFICIENT		A taxon is Data Deficient when there is inadequate information to make a direct, or indirect, assessment of its risk of extinction based on its distribution and/or population status.	The World Conservation Union
d_redlst	status list -IUCN Red List of Threatened Species NE	NOT_EVALUATED		A taxon is Not Evaluated when it has not yet been assessed against the criteria.	The World Conservation Union

Flora

Considerable user feedback led to a complete reorganization of the Flora entity set. The previous Flora entity set was organized around a classification hierarchy. This has been revised to make the Fauna entity set easier to implement within a GIS. The following changes have been made:

Entity Classes:

ENTITY CLASS NAME	ENTITY SET NAME	EDIT STATUS
flora_bryoid	flora	delete
flora_epiphyte	flora	delete
flora_general	flora	new
flora_general_fm	flora	
flora_habitat	flora	delete
flora_herb	flora	delete
flora_inventory	flora	new
flora_liana	flora	delete
flora_management	flora	

flora_management_fm	flora	
flora_preservation	flora	
flora_shrub	flora	delete
flora_thallophyte	flora	delete
flora_tree	flora	delete

Note 1: A blank edit status indicates no change.

Note 2: A discriminator was created for each entity type in the Flora entity set containing the values bryoid, epiphyte, herb, liana, shrub, thallophyte, and tree.

Entity Types:

ENTITY TYPE	new ENTITY TYPE	ENTITY CLASS	new ENTITY CLASS	TABLE	new TABLE
bryoid_species_population_area	flora_species_population_area	flora_bryoid	flora_inventory	flhabpop	flinvpop
epiphyte_species_population_area	flora_species_population_area	flora_epiphyte	flora_inventory	flhabpop	flinvpop
herb_species_population_area	flora_species_population_area	flora_herb	flora_inventory	flhabpop	flinvpop
liana_species_population_area	flora_species_population_area	flora_liana	flora_inventory	flhabpop	flinvpop
shrub_species_population_area	flora_species_population_area	flora_shrub	flora_inventory	flhabpop	flinvpop
thallophyte_species_population_area	flora_species_population_area	flora_thallophyte	flora_inventory	flhabpop	flinvpop
tree_species_population_area	flora_species_population_area	flora_tree	flora_inventory	flhabpop	flinvpop
bryoid_species_geographic_range_area	flora_species_geographic_range_area	flora_bryoid	flora_inventory	flhabrng	flinvrng
epiphyte_species_geographic_range_area	flora_species_geographic_range_area	flora_epiphyte	flora_inventory	flhabrng	flinvrng
herb_species_geographic_range_area	flora_species_geographic_range_area	flora_herb	flora_inventory	flhabrng	flinvrng
liana_species_geographic_range_area	flora_species_geographic_range_area	flora_liana	flora_inventory	flhabrng	flinvrng
shrub_species_geographic_range_area	flora_species_geographic_range_area	flora_shrub	flora_inventory	flhabrng	flinvrng
thallophyte_species_geographic_range_area	flora_species_geographic_range_area	flora_thallophyte	flora_inventory	flhabrng	flinvrng
tree_species_geographic_range_area	flora_species_geographic_range_area	flora_tree	flora_inventory	flhabrng	flinvrng
bryoid_species_home_range_area	flora_species_home_range_area	flora_bryoid	flora_inventory	flhabrng	flinvrng
epiphyte_species_home_range_area	flora_species_home_range_area	flora_epiphyte	flora_inventory	flhabrng	flinvrng
herb_species_home_range_area	flora_species_home_range_area	flora_herb	flora_inventory	flhabrng	flinvrng
liana_species_home_range_area	flora_species_home_range_area	flora_liana	flora_inventory	flhabrng	flinvrng
shrub_species_home_range_area	flora_species_home_range_area	flora_shrub	flora_inventory	flhabrng	flinvrng
thallophyte_species_home_range_area	flora_species_home_range_area	flora_thallophyte	flora_inventory	flhabrng	flinvrng
tree_species_home_range_area	flora_species_home_range_area	flora_tree	flora_inventory	flhabrng	flinvrng
flora_general_aquatic_vegetation_area	aquatic_vegetation_area	flora_habitat	flora_general	flhabaqv	flgenaqv
flora_general_home_range_area	flora_species_home_range_area	flora_habitat	flora_general	flhabrng	flgenrng
flora_general_population_area	flora_species_population_area	flora_habitat	flora_general	flhabpop	flgenpop
flora_general_land_vegetation_area	land_vegetation_area	flora_habitat	flora_general	flhabveg	flgenveg
flora_special_plant_site	flora_special_species_site	flora_management	flora_general	flhabspc	flgenspc
flora_general_geographic_range_area	flora_species_geographic_range_area	flora_habitat	flora_general	flhabrng	flgenrng
bryoid_species_site	flora_species_site	flora_epiphyte	flora_general	flhabspc	flgenspc
epiphyte_species_site	flora_species_site	flora_epiphyte	flora_general	flhabspc	flgenspc
herb_species_site	flora_species_site	flora_herb	flora_general	flhabspc	flgenspc

ENTITY TYPE	new ENTITY TYPE	ENTITY CLASS	new ENTITY CLASS	TABLE	new TABLE
liana_species_site	flora_species_site	flora_liana	flora_general	flhabspc	flgenspc
shrub_species_site	flora_species_site	flora_shrub	flora_general	flhabspc	flgenspc
thallophyte_species_site	flora_species_site	flora_thallophyte	flora_general	flhabspc	flgenspc
tree_species_site	flora_species_site	flora_tree	flora_general	flhabspc	flgenspc
	special_species_management_area		flora_management		flmgtspc
	flora_species_management_area		flora_management		flmgtspc
flora_crown_closure_area		flora_management		flmgttcc	
flora_fire_area		flora_management		flmgtfir	
flora_replanting_site		flora_management		flmgtrpl	
flora_sample_site		flora_management		flmgtsmp	
flora_stem_spacing_area		flora_management		flmgtss	
flora_study_area		flora_management		flmgtsty	
forest_compartment_area		flora_management		flmgtfst	
forest_interior_dwelling_species_area		flora_preservation		flprzfid	
forest_management_area		flora_management		flmgtnor	
forest_plot_area		flora_management		flmgtfst	
forest_stand_area		flora_management		flmgtfst	
lcta_line		flora_management		flmgtlct	
lcta_point		flora_management		flmgtlct	
preserve_area		flora_preservation		flprzare	
riparian_forest_buffer_area		flora_preservation		flprzrb	
riparian_forest_buffer_project_area		flora_preservation		flprzrfp	
timber_harvest_area		flora_management		flmgtim	
tree_plantation_area		flora_preservation		flprzpln	

Note 3: A blank edit status indicates no change

Table Changes:

Changed Table Name flhabaqv to flgnlaqv
 Changed Table Name flhabpop to flinvpop
 Changed Table Name flhabrng to flinvrng
 Changed Table Name flhabspc to flgnlspc
 Changed Table Name flhabveg to flgnlveg

Attributes:

SDS Table Name	SDS Attribute Name	Data Type	Data Length	SDS Domain Table Name	Recommended Narrative*
flinvrng	class_d	C	16	d_fclas	
flgenspc	class_d	C	16	d_fclas	
flgencls	sci_name (was latin_name)	C	40		Change Latin name to Scientific name
	alias_name	C	30		The alias name of the flora species
	comm_name	C	40		Common Name of the flora species
	class_d	C	16	d_fclas	
	redlst_d	C	16	d_redlst	
	drgtyp_d	C	16	d_drgtyp	
flinvpop	species_id	C	20		Foreign Key. Used to link the record to the appropriate Species.
	center_id	C	20		FOREIGN KEY - Links the record to GDSRVPHP through primary key CENTER_ID.

SDS Table Name	SDS Attribute Name	Data Type	Data Length	SDS Domain Table Name	Recommended Narrative*
flmgtspc	count	I			The number of species at site.
	density	I			The species density
	pctcover	I			The percentage of species cover.
	class_d	C	16	d_fclas	
	habcat_d	C	16	d_sphtyp	
	wrank_d	C	16	d_habrnk	
	control_d	C	16	d_conmth	
flmgtspc	habcat_d	C	16	d_sphtyp	
	species_id (same one flhabspc)	C	20		Primary Key. A unique, user defined identifier for each record or instance of an entity.
	map_id	I			Foreign Key. Used to link the record to the appropriate map.
	meta_id	C	20		Foreign Key. Used to link the record to the applicable feature level metadata record(s).
	media_id	C	20		Foreign Key. Used to link the record to associated multimedia records that reference data such as imagery, video, audio, scanned documents, drawings, and other digital media.
	coord_id	C	20		Foreign Key. Used to link the record to the appropriate point coordinate record(s).
	grid_value	R			A numeric identification of a raster element in an image or grid that represents the feature.
	perim_u_d	C	16		The unit of measure for length

SDS Table Name	SDS Attribute Name	Data Type	Data Length	SDS Domain Table Name	Recommended Narrative*
perim		D			The distance around the boundary of the area, zone, or subject item in linear units.
area_size		D			The size of the area, zone, or polygon in square units.
area_u_d		C	16		The unit of measure for area.
user_flag		C	20		An operator defined work area. This attribute can be used by the operator for user defined system processes. It does not effect the subject item's data integrity and should not be used to store the subject item's data.
instln_id		C	20		Foreign Key. Used to link the record to the applicable INSTALLATION record.
facil_id		C	20		Foreign Key. Used to link the record to the Facility Record.

Domains:

Domain Table Name	Domain Name	Domain Value	Domain Value Definition	Recommended Narrative*	Source
d_flclas	flora_classification	bryoid			
d_flclas	flora_classification	epiphyte			
d_flclas	flora_classification	Herb			
d_flclas	flora_classification	liana			
d_flclas	flora_classification	shrub			
d_flclas	flora_classification	thallophyte			
d_flclas	flora_classification	tree			
d_sphtyp	Discriminator – species type	invasive			
	Discriminator – species type	EmE	EMERGENCY_LISTING_ENDANGERED	Emergency Listing, Endangered	Endangered Species Act
	Discriminator – species type	EmT	EMERGENCY_LISTING_THREATENED	Emergency Listing, Threatened	Endangered Species Act
	Discriminator – species type	EXPE	EXP_POPULATION_ESSENTIAL	Experimental Population, Essential	Endangered Species Act
	Discriminator – species type	EXPN	EXP_POPULATION_NON_ESSENTIAL	Experimental Population, Non-Essential	Endangered Species Act
	Discriminator – species type	SAE	SIMILARITY_APPEARANCE_ENDANG_TAXON	Similarity of Appearance to an Endangered Taxon	Endangered Species Act
	Discriminator – species type	SAT	SIMILARITY_APPEARANCE_THREAT_TAXON	Similarity of Appearance to a Threatened Taxon	Endangered Species Act
	Discriminator – species type	PE	PROPOSED_ENDANGERED	Proposed endangered	Endangered Species Act
	Discriminator – species type	PT	PROPOSED_THREATENED	Proposed Threatened	Endangered Species Act

Domain Table Name	Domain Name	Domain Value	Domain Value Definition	Recommended Narrative*	Source
d_sphtyp	Discriminator – species type	PEXPE	PROPOSED_EXP_POP_ESSENTIAL	Proposed Experimental Population, Essential	Endangered Species Act
d_sphtyp	Discriminator – species type	PEXPN	PROPOSED_EXP_POP_NON-ESSENTIAL	Proposed Experimental Population, Non-essential	Endangered Species Act
d_sphtyp	Discriminator – species type	PSAE	PROPOSED_SIMILARITY_APPEARANCE_ENDANG_TAXON	Proposed Similarity of Appearance to an Endangered Taxon	Endangered Species Act
d_sphtyp	Discriminator – species type	PSAT	PROPOSED_SIMILARITY_APPEARANCE_THREAT_TAXON	Proposed Similarity of Appearance to an Threatened Taxon	Endangered Species Act
d_sphtyp	Discriminator – species type	C	CANDIDATE_TAXON_READY_PROPOSAL	Candidate Taxon, Ready for Proposal	
d_sphtyp	Discriminator – species type	D3A	DELISTED_TAXON_EVIDENTLY_EXTINCT	Delisted Taxon, Evidently Extinct	
d_sphtyp	Discriminator – species type	D3B	DELISTED_TAXON_INVALID_NAME_CURRENT_SCIENTIFIC_OPINION	Delisted Taxon, Invalid Name in Current Scientific Opinion	
d_sphtyp	Discriminator – species type	D3C	DELISTED_TAXON_RECOVERED	delisted Taxon, Recovered	
d_sphtyp	Discriminator – species type	DA	DELISTED_TAXON_AMENDMENT_OF_ACT	Delisted Taxon, Amendment of the Act	
d_sphtyp	Discriminator – species type	DM	DELISTED_TAXON_RECOVERD_MONITORED_0_to_5_YEARS	Delisted Taxon, Recovered, Being Monitored First Five Years	
d_sphtyp	Discriminator – species type	DO	DELISTED_TAXON_ORIGINAL_COMMERCIAL_DATA_ERRONEOUS	Delisted Taxon, Original Commercial Data erroneous	

Domain Table Name	Domain Name	Domain Value	Domain Value Definition	Recommended Narrative*	Source
d_sphtyp	Discriminator – species type	DP	DELISTED_TAXON_DISCOVERED_PREV_UNK NOWN_ADDITIONAL_POP	delisted Taxon, Discovered Previously Unknown Additional Populations and/or habitats	
d_sphtyp	Discriminator – species type	DR	DELISTED_TAXON_TAXANOMIC_REVISION	delisted Taxon, original Commercial Data	
d_sphtyp	Discriminator – species type	AD	PROPOSED_DELISTING	Erroneous	
d_sphtyp	Discriminator – species type	AE	PROPOSED_RECLASSIFICATION_TO_ENDANGERED	Proposed Delisting	
d_sphtyp	Discriminator – species type	AT	PROPOSED_RECLASSIFICATION_TO_THREATENED	Proposed Reclassification to Endangered	
d_redlst	status list -IUCN Red List of Threatened Species	EX	EXTINCT	A taxon is extinct when there is no reasonable doubt that the last individual has died.	The World Conservation Union
d_redlst	status list -IUCN Red List of Threatened Species	EXW	EXTINCT_IN_THE_WILD	A taxon is Extinct in the wild when it is known only to survive in cultivation, in captivity or as a naturalised population (or populations) well outside the past range.	The World Conservation Union

Domain Table Name	Domain Name	Domain Value	Domain Value Definition	Recommended Narrative*	Source
d_redlst	status list -IUCN Red List of Threatened Species	CR	CRITICALLY-ENDANGERED	A taxon is Critically Endangered when it is facing an extremely high risk of extinction in the wild in the immediate future.	The World Conservation Union
d_redlst	status list -IUCN Red List of Threatened Species	VU	VULNERABLE	A taxon is Vulnerable when it has been evaluated, does not satisfy the criteria for any of the categories Critically Endangered, Endangered or Vulnerable.	The World Conservation Union
d_redlst	status list -IUCN Red List of Threatened Species	LR	LOWER_RISK	A taxon is Lower Risk when it has been evaluated, does not satisfy the criteria for any of the categories Critically Endangered or Vulnerable.	The World Conservation Union
d_redlst	status list -IUCN Red List of Threatened Species	DD	DATA_DEFICIENT	A taxon is Data Deficient when there is inadequate information to make a direct, or indirect, assessment of its risk of extinction based on its distribution and/or population status.	The World Conservation Union
d_redlst	status list -IUCN Red List of Threatened Species	NE	NOT_EVALUATED	A taxon is Not Evaluated when it has not yet been assessed against the criteria.	The World Conservation Union
d_conmthmethods	Types of control	Cult	CULTURAL	Cultural	
d_conmthmethods	Types of control	Mech	MECHANICAL	Mechanical	
d_conmthmethods	Types of control	Ch	CHEMICAL	Chemical	
d_conmthmethods	Types of control	Bio	BIOLOGICAL	Biological	
d_conmthmethods	Types of control				

Habitat Suitability			
d_habrnk of Weed	3	HIGH	High- In four or more plant hardiness zones
Habitat Suitability			
d_habrnk of Weed	2	MEDIUM	Medium - In two or three plant hardiness zones.
Habitat Suitability			
d_habrnk of Weed	1	LOW	Low - In at most a single plant hardiness zone.

Entity Set Summary Change Information

Auditory	Building	Boundary	Cadastre
Climate	Common	Communications	Cultural
Demographics	Ecology	Environmental Hazards	Fauna
Flora	Future Projects	Geodetic	Geology
Hydrography	Improvement	Land Status	Landform
Military Operations	Olfactory	Soil	Transportation
Utilities	Visual		

Database Administrator Summary Change Information

New Tables	Data Table Name Changes	Deleted Tables	Added Attributes
Deleted Attributes	Attribute Name Changes	Data Type Changes	New List Domain Tables
Deleted Domain Tables	New Values in Existing Domains	Domain Value Changes	

-- Release Note Script for [auditory](#)

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for boundary

No New Entity Classes in this Set

New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for buildings

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for [cadastre](#)

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for climate

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for common

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for [communications](#)

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for **cultural**

No New Entity Classes in this Set

New Entity Types:

cultural_cleared_area G/GT Polygon An area that has been cleared of any cultural concerns, through negative survey, negative site evaluations, or data recovery.

New Data Tables:

crmgtclr This table contains data about an area that has been cleared of any cultural concerns, through negative survey, negative site evaluations, or data recovery.

-- Release Note Script for [demographics](#)

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for [ecology](#)

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for [environmental_hazards](#)

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for fauna

SEE DETAILED EXPLANATION OF CHANGES BEGINNING ON PAGE 2

New Entity Classes:

fauna_distribution Information related to the manner in which fauna is distributed through an ecosystem.

New Entity Types:

species_home_range_area G/GT Polygon An area where the particular species may be expected to be found.
species_geographic_range_area G/GT Polygon An area where the environmental and geographic conditions allow for the existence of a species.

species_forage_area G/GT Polygon An area where a fauna species or various species of fauna are known to search for food.

species_population_area G/GT Polygon An area of population for a fauna species or an aggregate of fauna species.

nesting_site Point/Polygon A known nesting site for a group of fauna species.

migration_corridor_line String/Chain An area or route along which certain species are known to migrate from one habitat to another.

habitat_sample_point Point A location where the habitat of a species has been sampled.

habitat_protective_zone_area G/GT Polygon An area surrounding an identified habitat.

fauna_special_species_site Point/Polygon A site or location where the specific species associated with the habitat require special attention according to law. These are normally threatened, sensitive, or endangered species habitats.

species_repopulation_site Point/Polygon An site or location where specific management actions have been take to increase species population.

species_repopulation_segment_line String/Chain A section or segment of a line along which species is repopulaed

habitat_site Point/Polygon A site or location identified as being the habitat for a particular species.

New Data Tables:

- fadisbuf This table contains data about buffers around fauna distribution areas.
fadissmp This table contains data about sample sites in fauna distribution areas..

-- Release Note Script for flora

SEE DETAILED EXPLANATION OF CHANGES BEGINNING ON PAGE XX

New Entity Classes:

flora_general Information pertaining to all classes of flora or independent of a specific flora entity classes
flora_inventory Information related to an inventory of flora

New Entity Types:

flora_species_site	Point/Polygon	The specific location where an individual flora species or an aggregate of flora species has been identified
flora_special_species_site	Point/Polygon	A site or location where there are threatened, endangered, invasive, or sensitive floral species.
land_vegetation_area	G/GT Polygon	A discrete area where land flora has been classified.
aquatic_vegetation_area	G/GT Polygon	A discrete area where submerged or partially submerged aquatic flora has been classified.
flora_species_home_range_area	G/GT Polygon	An area where a specific species of flora or an aggregate of flora species are likely to be found.
flora_species_geographic_range_area	G/GT Polygon	The geographic range where environmental conditions permit the existence of a species of flora or an aggregate of species of flora.
flora_species_population_area	G/GT Polygon	An area of population for a species of flora.
flora_species_management_area	G/GT Polygon	A location where rare, threatened, endangered, etc. flora species are managed.
flora_special_species_management_area	G/GT Polygon	The area containing a threatened, endangered, or rare flora species.

New Data Tables:

flmgtspc This table contains information about the management of flora species.

-- Release Note Script for [future_projects](#)

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for [geodetic](#)

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for [geology](#)

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for hydrography

No New Entity Classes in this Set

New Entity Types:

river_bank_point Point A point marking the normal bankline or edge of the channel.

canal_area G/GT Polygon An artificially dug waterway with or without flow which is used as a transportation artery.

No New Tables in this Set

-- Release Note Script for **improvement**

New Entity Classes:

improvement_dredging The activities associated with the removal, transport and placement of dredged material.

New Entity Types:

dike_point Point A point indicating a stone structure with a peaked or trapezoidal section located in pointway, secondary and main channel area and typically extending channelward

No New Tables in this Set

-- Release Note Script for [land_status](#)

No New Entity Classes in this Set

New Entity Types:

aquaculture_farm_line String/Chain A section or segment of a watercourse where water fauna are artificially repopulated. Also known as a stocked stream segment.

aquaculture_farm_area G/GT Polygon An area or facility where fauna species, including fish, mollusks, and crustaceans, are artificially cultivated.

New Data Tables:

Iscndseg This table contains information about aquaculture segments

-- Release Note Script for [landform](#)

No New Entity Classes in this Set

No New Entity Types in this Set:

Entity type commercial_dredging_area moved to the entity class improvement_dredging with an entity type name of dredging_area

Entity type depth_maintenance_area moved to the entity class improvement_dredging with an entity type name of dredging_event_area

No New Tables in this Set

-- Release Note Script for [military_operations](#)

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for olfactory

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for soil

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- Release Note Script for [transportation](#)

No New Entity Classes in this Set

New Entity Types:

airfield_surface_marking_area G/GT Polygon Area markings placed on an airfield surface which aid in its use.
lock_wall_line String/Chain A fixed (not afloat) artificial lock wall between the water and the land.
lock_gate_line String/Chain A line indicating a gate in a wet dock or structure in a waterway that permits a ship to pass from one level to another, in which the level of water rises or falls.
lock_arrival_line String/Chain Equipment or structure used to secure a vessel; most commonly associated with vessel queues at locks, although it could be in other areas as well
marine_cable_line String/Chain Any type of marine cable line necessary for navigation purposes.
recommended_route_area G/GT Polygon A line marking the optimum track to be used by vessels in restricted waters.
ferry_route_area G/GT Polygon A designated route area used by ferries to cross from one location to another.
deep_water_route_line String/Chain A route line which has been accurately surveyed for clearance of sea bottom and submerged obstacles.
ice_breaker_line String/Chain A line indicating the path of an ice breaker.
ice_breaker_site Point/Polygon An area cleared of ice by an icebreaker.
pedestrian_sidewalk_centerline String/Chain A line representing a paved or concrete pad used as a pedestrian walkway.
hulk_site Point/Polygon Refers to any permanently moored floating structure between the two waterlines that commonly has numerous people aboard.

New Data Tables:

trhrbhlik Refers to any permanently moored floating structure between the two waterlines that commonly has numerous people aboard.
trlocwal A fixed (not afloat) artificial lock wall between the water and the land.

trmarcbl Any type of marine cable line necessary for navigation purposes.
trnavicb This table contains information about portions of waterbodies cleared of ice by ice breakers.

-- Release Note Script for **utilities**

No New Entity Classes in this Set

New Entity Types:

undefined_utility_feature_point Point A utility feature which its use and utility association is not currently known or defined (e.g., location identified by aerial photography but not yet verified by follow-up investigation)
undefined_utility_line String/Chain A pipe for which its use and utility association is not currently known or defined (e.g., location identified by aerial photography but not yet verified by follow-up investigation).
culvert_centerline String/Chain The centerline of a pipe or structure, the purpose of which is for the interception and conveyance of surface water transported in open drainage lines and ditches.
storm_culvert_site Point/Polygon A pipe or structure, the purpose of which is for the interception and conveyance of surface water transported in open drainage lines and ditches
water_intake_line String/Chain The location where water is allowed into the water distribution system.

New Data Tables:

utgenfea This table contains information about a utility feature for which its use and utility association is not currently known or defined (e.g., location identified by aerial photography but not yet verified by follow-up investigation)
utgenpip This table contains information about pipe for which its use and utility association is not currently known or defined (e.g., location identified by aerial photography but not yet verified by follow-up investigation).
utstoclv This table contains information about a pipe or structure, the purpose of which is for the interception and conveyance of surface water transported in open drainage lines and ditches

-- Release Note Script for visual

No New Entity Classes in this Set

No New Entity Types in this Set

No New Tables in this Set

-- DBA Note Script for Current Release

New Tables:

crmgtclr This table contains data about an area that has been cleared of any cultural concerns, through negative survey, negative site evaluations, or data recovery.

fadisbuf This table contains data about buffers around fauna distribution areas.

fadissmp This table contains data about sample sites in fauna distribution areas..

flmgtspc This table contains information about the management of flora species.

lscndseg This table contains information about aquaculture segments

trrbhblk Refers to any permanently moored floating structure between the two waterlines that commonly has numerous people aboard.

trlocwal A fixed (not afloat) artificial lock wall between the water and the land.

trmarcbl Any type of marine cable line necessary for navigation purposes.

trnavicb This table contains information about portions of waterbodies cleared of ice by ice breakers.

utgenfea This table contains information about a utility feature for which its use and utility association is not currently known or defined (e.g., location identified by aerial photography but not yet verified by follow-up investigation)

utgenpip This table contains information about pipe for which its use and utility association is not currently known or defined (e.g., location identified by aerial photography but not yet verified by follow-up investigation).

utstoclv This table contains information about a pipe or structure, the purpose of which is for the interception and conveyance of surface water transported in open drainage lines and ditches

Data Table Name Changes:

Changed Table Name faavehst to fadishst

Changed Table Name fahabars to famgtars

Changed Table Name fahabfor to fadisfor

Changed Table Name fahabmig to fadismig

Changed Table Name fahabnes to fadisnes

Changed Table Name fahabpop to fadispop

Changed Table Name fahabrng to fadisrng

Changed Table Name fahabspc to famgtspc

Changed Table Name fahabspn to fadisspn
Changed Table Name famgtffm to lsrndffm
Changed Table Name fapisfsh to famgtfsh
Changed Table Name flhabaqv to flgnlaqv
Changed Table Name flhabpop to flinpop
Changed Table Name flhabrng to flinvrng
Changed Table Name flhabspc to flgnlspc
Changed Table Name flhabveg to flgnlveg
Changed Table Name lfbthcom to imdrgcom
Changed Table Name lfbthsub to imdrgsub
Changed Table Name utgenclv to utgencon

Deleted Tables:

Deleted Table famgtsmp

Added Attributes:

In Table	bdjurdst	Add Attribute	owner_id
In Table	bggenstr	Add Attribute	date_acqrd
In Table	bggenstr	Add Attribute	date_prv
In Table	bggenstr	Add Attribute	prv_cost
In Table	cddodins	Add Attribute	acqrd_date
In Table	cddodins	Add Attribute	date_prv
In Table	cddodins	Add Attribute	prv_cost
In Table	cmgenadd	Add Attribute	osd_city
In Table	cmgencnt	Add Attribute	disa_ctny
In Table	cmgencnt	Add Attribute	osd_county
In Table	cmgenfac	Add Attribute	acqrd_date
In Table	cmgenfac	Add Attribute	address_id
In Table	cmgenfac	Add Attribute	fac_perm_d
In Table	cmgenfac	Add Attribute	geoloc

In Table	cmgenfac	Add Attribute	orig_cost
In Table	cmgenfac	Add Attribute	osd_user
In Table	cmgenfac	Add Attribute	prv
In Table	cmgenfac	Add Attribute	rep_fund
In Table	cmgenfac	Add Attribute	sus_fund
In Table	coctrocl	Add Attribute	icefac_clr
In Table	ehhmwhsl	Add Attribute	narrative
In Table	ehtnkast	Add Attribute	prodct_d
In Table	fadisfor	Add Attribute	faclass_d
In Table	fadismig	Add Attribute	faclass_d
In Table	fadispop	Add Attribute	faclass_d
In Table	fadisrng	Add Attribute	faclass_d
In Table	fagenstt	Add Attribute	fa_stat_d
In Table	famgtars	Add Attribute	faclass_d
In Table	famgtseg	Add Attribute	faclass_d
In Table	famgtspc	Add Attribute	redlist_d
In Table	flgencls	Add Attribute	alias_name
In Table	flgencls	Add Attribute	comm_name
In Table	flgencls	Add Attribute	drgtyp_d
In Table	flgencls	Add Attribute	redlst_d
In Table	flgnlspc	Add Attribute	flclass_d
In Table	flinvpop	Add Attribute	center_id
In Table	flinvpop	Add Attribute	control_d
In Table	flinvpop	Add Attribute	count
In Table	flinvpop	Add Attribute	density
In Table	flinvpop	Add Attribute	flclass_d
In Table	flinvpop	Add Attribute	habcat_d
In Table	flinvpop	Add Attribute	pctcover
In Table	flinvpop	Add Attribute	species_id
In Table	flinvpop	Add Attribute	wrank_d
In Table	flinvrng	Add Attribute	flclass_d
In Table	flmgtfst	Add Attribute	acre_value

In Table	flmgfst	Add Attribute	ba_ac
In Table	flmgfst	Add Attribute	ba_ac_u_d
In Table	flmgfst	Add Attribute	comp_no
In Table	flmgfst	Add Attribute	dbh_pw
In Table	flmgfst	Add Attribute	dbh_st
In Table	flmgfst	Add Attribute	diam_u_d
In Table	flmgfst	Add Attribute	for_acres
In Table	flmgfst	Add Attribute	hdwd_ba
In Table	flmgfst	Add Attribute	midstory
In Table	flmgfst	Add Attribute	overstory
In Table	flmgfst	Add Attribute	per_girth
In Table	flmgfst	Add Attribute	per_pine
In Table	flmgfst	Add Attribute	per_pw
In Table	flmgfst	Add Attribute	per_st
In Table	flmgfst	Add Attribute	pine_ba
In Table	flmgfst	Add Attribute	pine_type
In Table	flmgfst	Add Attribute	regen_yr
In Table	flmgfst	Add Attribute	si_50_pine
In Table	flmgfst	Add Attribute	tot_value
In Table	flmgfst	Add Attribute	tpa
In Table	flmgfst	Add Attribute	tree_age
In Table	flmgfst	Add Attribute	tree_size
In Table	flmgfst	Add Attribute	tree_type
In Table	flmgfst	Add Attribute	value_u_d
In Table	gdsrvngs	Add Attribute	notes
In Table	hysurbnk	Add Attribute	coord_x
In Table	hysurbnk	Add Attribute	coord_y
In Table	hysurbnk	Add Attribute	coord_z
In Table	hysurbnk	Add Attribute	elevation
In Table	hysurcrs	Add Attribute	length_crs
In Table	hysurdis	Add Attribute	catdis_d
In Table	hysurref	Add Attribute	catsiw_d

In Table	hysurref	Add Attribute	feat_name
In Table	imdrgcom	Add Attribute	dpthmnt_id
In Table	imdrgcom	Add Attribute	drgtyp_d
In Table	imdrgcom	Add Attribute	max_depth
In Table	imdrgcom	Add Attribute	sur_crs_id
In Table	imdrgsub	Add Attribute	area_desc
In Table	imdrgsub	Add Attribute	bucket_cap
In Table	imdrgsub	Add Attribute	comdrg_id
In Table	imdrgsub	Add Attribute	drg_owner
In Table	imdrgsub	Add Attribute	drgmat_id
In Table	imdrgsub	Add Attribute	drgpur_d
In Table	imdrgsub	Add Attribute	drgvesty_d
In Table	imdrgsub	Add Attribute	hopper_cap
In Table	imdrgsub	Add Attribute	max_depth
In Table	imdrgsub	Add Attribute	vsltyp_d
In Table	imerodik	Add Attribute	fac_type_d
In Table	imerodik	Add Attribute	watlev_d
In Table	imerorev	Add Attribute	restrn_d
In Table	imrecbtr	Add Attribute	fac_type_d
In Table	imrechnt	Add Attribute	hunt_acres
In Table	imrecmar	Add Attribute	cathaf_d
In Table	imrecmis	Add Attribute	owner_id
In Table	lfbthdep	Add Attribute	quasou_d
In Table	lfbthsra	Add Attribute	drgmat_id
In Table	lfbthsra	Add Attribute	surveyvesl
In Table	lsmgtdsp	Add Attribute	area_desc
In Table	lsmgtdsp	Add Attribute	bathy_id
In Table	lsmgtdsp	Add Attribute	comdrg_id
In Table	lsmgtdsp	Add Attribute	coord_x
In Table	lsmgtdsp	Add Attribute	coord_y
In Table	lsmgtdsp	Add Attribute	coord_z
In Table	lsmgtdsp	Add Attribute	dep_dat_d

In Table	lsmgtdsp	Add Attribute	depth_u_d
In Table	lsmgtdsp	Add Attribute	drgpur_d
In Table	lsmgtdsp	Add Attribute	drgtyp_d
In Table	lsmgtdsp	Add Attribute	hydsrv_id
In Table	lsmgtdsp	Add Attribute	min_depth
In Table	lsmgtdsp	Add Attribute	plactyp_d
In Table	lsmgtdsp	Add Attribute	proj_name
In Table	lsmgtdsp	Add Attribute	project_id
In Table	trafllit	Add Attribute	airfld_id
In Table	traflsaf	Add Attribute	air_sur_id
In Table	trairmrk	Add Attribute	air_sur_id
In Table	trairmrk	Add Attribute	airfld_id
In Table	trairmrk	Add Attribute	area_size
In Table	trairmrk	Add Attribute	area_u_d
In Table	trairmrk	Add Attribute	elev
In Table	trairmrk	Add Attribute	elev_u_d
In Table	trairmrk	Add Attribute	perim
In Table	trairmrk	Add Attribute	perim_u_d
In Table	trairsur	Add Attribute	maj_slope
In Table	trairsur	Add Attribute	maxspeed
In Table	trairsur	Add Attribute	pcn
In Table	trairsur	Add Attribute	slope_u_d
In Table	trairsur	Add Attribute	wingpan
In Table	trairzon	Add Attribute	zone_ht
In Table	trhrbfen	Add Attribute	fac_type_d
In Table	trhrbfen	Add Attribute	pri_matl_d
In Table	trhrbmor	Add Attribute	catmor_d
In Table	trhrbmor	Add Attribute	pri_matl_d
In Table	trlocarv	Add Attribute	catmor_d
In Table	trlocarv	Add Attribute	convis_d
In Table	trlocarv	Add Attribute	frcoord_x
In Table	trlocarv	Add Attribute	frcoord_y

In Table	trlocarv	Add Attribute	frcoord_z
In Table	trlocarv	Add Attribute	pri_matl_d
In Table	trlocarv	Add Attribute	tocoord_x
In Table	trlocarv	Add Attribute	tocoord_y
In Table	trlocarv	Add Attribute	tocoord_z
In Table	trloccha	Add Attribute	catgat_d
In Table	trloccha	Add Attribute	frcoord_x
In Table	trloccha	Add Attribute	frcoord_y
In Table	trloccha	Add Attribute	frcoord_z
In Table	trloccha	Add Attribute	horz_clr
In Table	trloccha	Add Attribute	min_depth
In Table	trloccha	Add Attribute	tocoord_x
In Table	trloccha	Add Attribute	tocoord_y
In Table	trloccha	Add Attribute	tocoord_z
In Table	trlocgwl	Add Attribute	lock_typ_d
In Table	trmarflt	Add Attribute	catarea_d
In Table	trmarflt	Add Attribute	restrn_d
In Table	trmarres	Add Attribute	feat_name
In Table	trmarres	Add Attribute	restrn_d
In Table	trmarrete	Add Attribute	catfry_d
In Table	trmarrete	Add Attribute	cattrk_d
In Table	trmarrete	Add Attribute	max_depth
In Table	trmarrete	Add Attribute	min_depth
In Table	trmarrete	Add Attribute	traffic_d
In Table	trnavbec	Add Attribute	colpat_d
In Table	trnavbec	Add Attribute	topshp_d
In Table	trnavboy	Add Attribute	catlam_d
In Table	trnavboy	Add Attribute	catspm_d
In Table	trnavlit	Add Attribute	catlit_d
In Table	trnavlit	Add Attribute	color_d
In Table	trnavlit	Add Attribute	flash_d
In Table	trnavlit	Add Attribute	num_signal

In Table	trnavlit	Add Attribute	sigpr_time
In Table	trnavlit	Add Attribute	sigpr_u_d
In Table	trnavwrk	Add Attribute	watlev_d
In Table	trnavwrk	Add Attribute	wrck_cat_d
In Table	trrrdseg	Add Attribute	cond_d
In Table	trrrdseg	Add Attribute	date_insp
In Table	trrrdseg	Add Attribute	date_serv
In Table	trrrdseg	Add Attribute	drawing_no
In Table	trrrdseg	Add Attribute	narrative
In Table	trrrdseg	Add Attribute	seg_use_d
In Table	trrrdseg	Add Attribute	turnout
In Table	trrrdseg	Add Attribute	wrk_ord_id
In Table	trrrdseg	Add Attribute	yearbuilt
In Table	trvhirad	Add Attribute	date_built
In Table	trvhirad	Add Attribute	date_last
In Table	trvhirad	Add Attribute	date_maint
In Table	trvhirad	Add Attribute	date_open
In Table	utelecgp	Add Attribute	catnav_d
In Table	utelemh	Add Attribute	area_size
In Table	utelemh	Add Attribute	area_u_d
In Table	utelemh	Add Attribute	perim
In Table	utelemh	Add Attribute	perim_u_d
In Table	utfulmh	Add Attribute	area_size
In Table	utfulmh	Add Attribute	area_u_d
In Table	utfulmh	Add Attribute	perim
In Table	utfulmh	Add Attribute	perim_u_d
In Table	uthcsmh	Add Attribute	area_size
In Table	uthcsmh	Add Attribute	perim
In Table	utinwsep	Add Attribute	date_pumpd
In Table	utinwsep	Add Attribute	prob_desc
In Table	utinwsep	Add Attribute	pumper_id
In Table	uttxspip	Add Attribute	catpip_d

In Table	uttxspip	Add Attribute	catpyl_d
In Table	uttxspip	Add Attribute	prodct_d
In Table	uttxspip	Add Attribute	supp_typ_d
In Table	uttxspip	Add Attribute	vert_clr
In Table	utwatsrc	Add Attribute	catpip_d
In Table	utwatsrc	Add Attribute	frcoord_x
In Table	utwatsrc	Add Attribute	frcoord_y
In Table	utwatsrc	Add Attribute	frcoord_z
In Table	utwatsrc	Add Attribute	tocoord_x
In Table	utwatsrc	Add Attribute	tocoord_y
In Table	utwatsrc	Add Attribute	tocoord_z
In Table	utwwtmh	Add Attribute	feat_desc
In Table	utwwtstk	Add Attribute	pipe_id

Deleted Attributes:

In Table	cmgenfac	Delete Attribute	fac_dur_d
In Table	lfbthsra	Delete Attribute	gage_id

Attribute Name Changes:

In Table	cdrelout	Change Attribute Name	status to	out_status
In Table	coctrcox	Change Attribute Name	offset to	cab_offset
In Table	coctrfop	Change Attribute Name	offset to	cab_offset
In Table	coctrwp	Change Attribute Name	offset to	cab_offset
In Table	coctrwvg	Change Attribute Name	offset to	cab_offset
In Table	flgencls	Change Attribute Name	latin_name to	sci_name
In Table	gdsrvngs	Change Attribute Name	filename to	file_name
In Table	gdsrvngs	Change Attribute Name	sattelite to	satellite
In Table	imfdcdam	Change Attribute Name	poll_el_dn to	pool_el_dn
In Table	utgencon	Change Attribute Name	utclvrt_id to	utcond_id

Data Type Changes:

In Table	cmgenadd	Change	address_1 from LENGTH - 20	to	50
In Table	cmgenadd	Change	address_2 from LENGTH - 20	to	50
In Table	cmgenadd	Change	zip_code from LENGTH - 9	to	10
In Table	cmmetent	Change	attribdef from LENGTH - 254	to	240
In Table	utwaidwc	Change	health_eff from LENGTH - 250	to	240
In Table	utwaidwc	Change	major_dws from LENGTH - 250	to	240

New List Domain Tables:

beacon - color pattern d_colpat The color pattern evidenced on the marine navigation beacon.
beacon - color pattern d_colpat The color pattern evidenced on the marine navigation beacon.
beacon - flashing sequence d_flsq The flashing sequence of the beacon
beacon - lateral mark location d_catlam The location of the lateral mark on the marine navigation beacon.
beacon - light category d_catlit The category of the beacon light.
beacon - special purpose cat d_catspm The category of the special purpose marker or beacon
beacon - top shape d_topshp The shape of the beacon.
dam - water level d_watlev The water level evidenced at the dam.
discriminator - fauna class d_facclas The classes of fauna (Formerly separate entity types).
discriminator - flora class d_flcas This domain is a flora classifications. Formerly these values were separate entity types. Now they are a single discriminated entity type.
discriminator - marine cable d_cabcbl marine cable line
distance marker - category d_catdis The category of the distance maker point.
dredge vessel types d_vsltyp Type list - Dredge Vessels
dredging - purpose d_drgpur The purpose of dredging event.
dredging - vessel type d_drgves The types of dredging vessels.
dredging methods d_drgtyp Dredging Methods
facility - permanency d_facprm This domain describes the construction criteria/material used in the facility includes construction type (Permanent, Semi-Permanent, or Temporary) construction criteria and the structural construction material used.
ferry - category d_catfry The type of ferry boat.
flora - habitat rank d_habrnk The habitat suitability.
harbor - facility category type d_cathaf The category of harbor facility.
marine wreck category d_catwrk Category of marine wrecks
mooring - category d_catmor The type of mooring available.
pipe - category d_catpip The use of the pipe
pipeline product d_prodst Pipeline Products
pylon - category d_catpyl The category of pylon.
railroad - track segment use d_seguse A code representing a use of this segment of track.

revetment - restriction d_restrn Restrictions placed on or near revetments.

route line - traffic d_traffic The direction of traffic along the route.

status list - iucn red list d_redlst The IUCN red list of threatened and endangered species.

surf ref mark - warning category d_catsiw The type of surface reference mark warning.

type list - control method d_connth The type of control method.

type list - gate d_catgat The type of gate.

type list - marine area d_catare The type of marine area.

type list - navigation line d_catnav The category of navigation line , which is defined as a straight line extending towards an area of navigational interest and generally generated by two navigational aids or one navigational aid and a bearing

type list - placement site d_placty Placement Sites

utilities - undefined feature d_unutfp This domain contains values for utility features which the use and utility association is not currently known or defined (e.g., location identified by aerial photography but not yet verified by follow-up investigation).

Deleted Domain Tables:

Deleted Domain flora - ranking classification d_rnkcls
Deleted Domain type list - surface d_surfly

New Values in Existing Domains:

In Domain Table	d_beatyp	Add Value	DAYMARK
In Domain Table	d_brgdis	Add Value	ORTHOTROPIC
In Domain Table	d_brgdis	Add Value	VIADUCT
In Domain Table	d_brgdis	Add Value	UNCLASSIFIED
In Domain Table	d_brgdis	Add Value	TRUSS_THRU
In Domain Table	d_brgdis	Add Value	TRUSS_DECK
In Domain Table	d_brgdis	Add Value	TRUSS
In Domain Table	d_brgdis	Add Value	TRANSPORTER_BRDG
In Domain Table	d_brgdis	Add Value	TEE_BEAM
In Domain Table	d_brgdis	Add Value	SWING_BRIDGE
In Domain Table	d_brgdis	Add Value	SUSPENSION_BRDG
In Domain Table	d_brgdis	Add Value	STRNGR_MULTIBM
In Domain Table	d_brgdis	Add Value	PONTOON_BRIDGE
In Domain Table	d_brgdis	Add Value	OPENING_BRIDGE
In Domain Table	d_brgdis	Add Value	LIFTING_BRIDGE
In Domain Table	d_brgdis	Add Value	GIRDER_FLOORBEAM
In Domain Table	d_brgdis	Add Value	FRAME_EXCPT_CULV
In Domain Table	d_brgdis	Add Value	FIXED_BRIDGE
In Domain Table	d_brgdis	Add Value	COVERED
In Domain Table	d_brgdis	Add Value	BXBM_GRDRS_SNGL
In Domain Table	d_brgdis	Add Value	BXBM_GRDRS_MULTI
In Domain Table	d_brgdis	Add Value	BASCULE_BRIDGE
In Domain Table	d_brgdis	Add Value	AQUEDUCT
In Domain Table	d_brgdis	Add Value	SLAB
In Domain Table	d_cabuse	Add Value	TELEGRAPH
In Domain Table	d_dcblAdd Value	Add Value	SECONDARY_UG_ENC
In Domain Table	d_dcblAdd Value	Add Value	SERVICE_UG_DB

In Domain Table	d_dcblAdd	Value	PRIMARY_UG_DB
In Domain Table	d_dcblAdd	Value	PRIMARY_UG_ENC
In Domain Table	d_dcblAdd	Value	SERVICE_UG_ENC
In Domain Table	d_dcblAdd	Value	SECONDARY_UG_DB
In Domain Table	d_morfac	Add Value	FENDER
In Domain Table	d_morfac	Add Value	LOG_RAMP
In Domain Table	d_morfac	Add Value	SOLID_FACE_WHARF
In Domain Table	d_morfac	Add Value	SLIPWAY
In Domain Table	d_morfac	Add Value	RAMP
In Domain Table	d_morfac	Add Value	LANDING_STEPS
In Domain Table	d_morfac	Add Value	SEA_WALL
In Domain Table	d_morfac	Add Value	RIP_RAP
In Domain Table	d_morfac	Add Value	TRAINING_WALL
In Domain Table	d_morfac	Add Value	PROMENADE_PIER
In Domain Table	d_morfac	Add Value	MOLE
In Domain Table	d_morfac	Add Value	GROYNE
In Domain Table	d_morfac	Add Value	BREAKWATER
In Domain Table	d_morfac	Add Value	REVETMENT
In Domain Table	d_morfac	Add Value	OPEN_FACE_WHARF
In Domain Table	d_sphtyp	Add Value	AT
In Domain Table	d_sphtyp	Add Value	D3B
In Domain Table	d_sphtyp	Add Value	D3C
In Domain Table	d_sphtyp	Add Value	DA
In Domain Table	d_sphtyp	Add Value	DM
In Domain Table	d_sphtyp	Add Value	DO
In Domain Table	d_sphtyp	Add Value	DP
In Domain Table	d_sphtyp	Add Value	DR
In Domain Table	d_sphtyp	Add Value	EXPE
In Domain Table	d_sphtyp	Add Value	AE
In Domain Table	d_sphtyp	Add Value	UNK
In Domain Table	d_sphtyp	Add Value	D3A
In Domain Table	d_sphtyp	Add Value	AD

In Domain Table	d_sphtyp	Add Value	EXPN
In Domain Table	d_sphtyp	Add Value	SAE
In Domain Table	d_sphtyp	Add Value	EME
In Domain Table	d_sphtyp	Add Value	C
In Domain Table	d_sphtyp	Add Value	EMT
In Domain Table	d_sphtyp	Add Value	SAT
In Domain Table	d_sphtyp	Add Value	PE
In Domain Table	d_sphtyp	Add Value	PT
In Domain Table	d_sphtyp	Add Value	PEXPE
In Domain Table	d_sphtyp	Add Value	PEXPN
In Domain Table	d_sphtyp	Add Value	PSAE
In Domain Table	d_sphtyp	Add Value	PSAT
In Domain Table	d_dstrst	Add Value	DISPOSAL
In Domain Table	d_ltccod	Add Value	SWS
In Domain Table	d_ltccod	Add Value	SSP
In Domain Table	d_ltccod	Add Value	SSS
In Domain Table	d_ltccod	Add Value	STW
In Domain Table	d_ltccod	Add Value	SPW
In Domain Table	d_ltccod	Add Value	SWSS
In Domain Table	d_ltccod	Add Value	SWWP
In Domain Table	d_ltccod	Add Value	T
In Domain Table	d_ltccod	Add Value	SPV
In Domain Table	d_ltccod	Add Value	WLBM
In Domain Table	d_ltccod	Add Value	FB
In Domain Table	d_ltccod	Add Value	WLBT
In Domain Table	d_ltccod	Add Value	WLB
In Domain Table	d_ltccod	Add Value	SPG
In Domain Table	d_ltccod	Add Value	OTHER
In Domain Table	d_ltccod	Add Value	IWVS
In Domain Table	d_ltccod	Add Value	HA
In Domain Table	d_ltccod	Add Value	GT
In Domain Table	d_ltccod	Add Value	G

In Domain Table	d_ltccod	Add Value	DH
In Domain Table	d_ltccod	Add Value	CSA
In Domain Table	d_ltccod	Add Value	CONC
In Domain Table	d_ltccod	Add Value	BT
In Domain Table	d_ltccod	Add Value	WLD
In Domain Table	d_ltccod	Add Value	WLH
In Domain Table	d_ltccod	Add Value	GACT
In Domain Table	d_ltccod	Add Value	WLS
In Domain Table	d_ltccod	Add Value	WLDE
In Domain Table	d_ltccod	Add Value	WLVM
In Domain Table	d_ltccod	Add Value	WLSG
In Domain Table	d_ltccod	Add Value	WLRI
In Domain Table	d_ltccod	Add Value	WLR
In Domain Table	d_ltccod	Add Value	WLPZ
In Domain Table	d_ltccod	Add Value	WLP
In Domain Table	d_ltccod	Add Value	WLO
In Domain Table	d_ltccod	Add Value	WLE
In Domain Table	d_ltccod	Add Value	WLM
In Domain Table	d_ltccod	Add Value	WLVE
In Domain Table	d_ltccod	Add Value	WLI
In Domain Table	d_ltccod	Add Value	WP
In Domain Table	d_esttyp	Add Value	98
In Domain Table	d_esttyp	Add Value	99
In Domain Table	d_lndfrm	Add Value	EMBANKMENT
In Domain Table	d_lndfrm	Add Value	CLIFF
In Domain Table	d_lndfrm	Add Value	SCREE
In Domain Table	d_lndfrm	Add Value	CUTTING
In Domain Table	d_paruse	Add Value	CIVIL_HELIPORT
In Domain Table	d_paruse	Add Value	GLIDER_AIRFIELD
In Domain Table	d_paruse	Add Value	SMALL_PLANE_AFLD
In Domain Table	d_paruse	Add Value	CIV_AEROPLANE_AP
In Domain Table	d_paruse	Add Value	MIL_AEROPLANE_AP

In Domain Table	d_paruse	Add Value	MILITARY_HELIPO
In Domain Table	d_paruse	Add Value	EMERGENCY_AFIELD
In Domain Table	d_buoysp	Add Value	CONICAL
In Domain Table	d_buoysp	Add Value	SPHERICAL
In Domain Table	d_buoysp	Add Value	PILLAR
In Domain Table	d_buoysp	Add Value	SPAR
In Domain Table	d_buoysp	Add Value	BARREL
In Domain Table	d_buoysp	Add Value	SUPER_BUOY
In Domain Table	d_buoysp	Add Value	ICE_BUOY
In Domain Table	d_intprt	Add Value	TRANSPORTATION
In Domain Table	d_strmat	Add Value	HARD_SURFACED
In Domain Table	d_strmat	Add Value	MASONRY
In Domain Table	d_strmat	Add Value	PAINTED
In Domain Table	d_strmat	Add Value	UNSURFACED
In Domain Table	d_strmat	Add Value	LOOSE_BOULDERS
In Domain Table	d_strmat	Add Value	GLASS_REIN_PLAS
In Domain Table	d_brgmat	Add Value	METAL
In Domain Table	d_brgmat	Add Value	CONCRETED
In Domain Table	d_brgmat	Add Value	LOOSE_BOULDERS
In Domain Table	d_brgmat	Add Value	GLASS_REIN_PLAS
In Domain Table	d_brgmat	Add Value	HARD_SURFACED
In Domain Table	d_brgmat	Add Value	UNSURFACED
In Domain Table	d_brgmat	Add Value	PAINTED
In Domain Table	d_trnmat	Add Value	LOOSE_BOULDERS
In Domain Table	d_trnmat	Add Value	MASONRY
In Domain Table	d_trnmat	Add Value	PAINTED
In Domain Table	d_trnmat	Add Value	HARD_SURFACED
In Domain Table	d_trnmat	Add Value	GLASS_REIN_PLAS
In Domain Table	d_trnmat	Add Value	METAL
In Domain Table	d_datrel	Add Value	DISTRIBUTED
In Domain Table	d_datrel	Add Value	MAST
In Domain Table	d_datrel	Add Value	NOT_MAINTAINED

In Domain Table	d_datrel	Add Value	MAINTAINED_DEPTH
In Domain Table	d_datrel	Add Value	VALUE_NOT_CONFM
In Domain Table	d_datrel	Add Value	LEAST_DEPTH_UNK
In Domain Table	d_datrel	Add Value	LEAST_DEPTH_KNOW
In Domain Table	d_datrel	Add Value	NO_BOTTOM_AT_VAL
In Domain Table	d_datrel	Add Value	HULL
In Domain Table	d_datrel	Add Value	DOUBTFUL
In Domain Table	d_datrel	Add Value	KNOWN
In Domain Table	d_datrel	Add Value	VALUE_NOT_SURV
In Domain Table	d_tyfuel	Add Value	JP7
In Domain Table	d_tyfuel	Add Value	JP8_100
In Domain Table	d_tyfuel	Add Value	JPTS
In Domain Table	d_muntyp	Add Value	SETTLEMENT
In Domain Table	d_muntyp	Add Value	HOLIDAY_VILLAGE
In Domain Table	d_muntyp	Add Value	URBAN_AREA
In Domain Table	d_obstyp	Add Value	CRIB
In Domain Table	d_obstyp	Add Value	GROUND_TACKLE
In Domain Table	d_obstyp	Add Value	ICE_BOOM
In Domain Table	d_obstyp	Add Value	BOOM
In Domain Table	d_obstyp	Add Value	FOUL_GROUND
In Domain Table	d_obstyp	Add Value	DIFFUSER
In Domain Table	d_obstyp	Add Value	WELLHEAD
In Domain Table	d_obstyp	Add Value	FISH_HAVEN
In Domain Table	d_obstyp	Add Value	FOUL_AREA
In Domain Table	d_spcs	Add Value	5400
In Domain Table	d_spcs	Add Value	5102
In Domain Table	d_spcs	Add Value	5103
In Domain Table	d_spcs	Add Value	5104
In Domain Table	d_spcs	Add Value	2001
In Domain Table	d_spcs	Add Value	5010
In Domain Table	d_spcs	Add Value	5300
In Domain Table	d_piprod	Add Value	WATER

In Domain Table	d_piprod	Add Value	GAS
In Domain Table	d_piprod	Add Value	CHEMICALS
In Domain Table	d_color	Add Value	PINK
In Domain Table	d_color	Add Value	BLUE
In Domain Table	d_color	Add Value	YELLOW
In Domain Table	d_color	Add Value	BROWN
In Domain Table	d_color	Add Value	AMBER
In Domain Table	d_color	Add Value	VIOLET
In Domain Table	d_color	Add Value	ORANGE
In Domain Table	d_color	Add Value	MAGENTA

Domain Value Changes:

In Domain Table	d_trnmat	Change	1SURFACTREATto	SURFACTREAT
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